Cookbook of Activities for Driver Education

INSTRUCTIONS

Tie one end of both strings to the bottom of the steering wheel and

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MT CURRICULUM GUIDE

Objective: Managing steering and braking

weight transfer one end to each toe of both shoes A tire cannot exceed 100% of any one function or combination of **INGREDIENTS** functions at any given time. If, for example, you use all the traction available (100%) to brake in a straight line, you will not have any percentage left over for turning. If you need to turn while braking, Two lengths of string about 3 feet long vou have to reduce the percentage used for braking in order to have some left over for turning. 100% adhesion is not available in Simulated steering wheel two directions at once! Imagine a string with one end attached to the bottom center of your steering wheel when it is in a neutral (straight) position and the other secured to your accelerator in the depressed position. When you turn your wheel, it forces the accelerator to ease up. As the wheel straightens out, you are able to fully depress the accelerator. There is a balance between accelerating and turning that adds up to the 100% traction available Similarly, imagine the string attached to the brake pedal instead. The same principle applies. In short, you cannot turn the wheel without giving up some acceleration or braking power. MT CURRICULUM GUIDE **INSTRUCTIONS** Objective: **INGREDIENTS**